

TABLE 13.121(G)—Continued

Course topics	1	2
Sizing up situation .....	X	.....
Locating information on cargo .....	X	.....
Extinguishing .....	X	X
Extinguishing with portable units ....	X	X
Setting reflash watch .....	X	X
Using additional personnel .....	X	X
Firefighting extinguishing-agents:		
Water (solid jet, spray, fog, and flooding) .....	.....	X
Foam (high, medium and low expansion) .....	.....	X
Carbon dioxide (CO <sub>2</sub> ) .....	X	X
Halon .....	.....	X
Aqueous-film-forming foam (AFFF) .....	.....	X
Dry chemicals .....	X	X
Use of extinguisher on:		
Flammable and combustible liquids .....	X	X
Manifold-flange fire .....	X	X
Drip-pan fire .....	X	X
Pump fire .....	X	X
Drills for typical fires on barges .....	X	.....
Field exercises:		
Extinguish small fires using portable extinguishers:		
Electrical .....	X	X
Manifold-flange .....	X	X
Drip-pan .....	X	X
Pump .....	X	X
Use self-contained breathing apparatus .....	.....	X
Extinguish extensive fires with water .....	.....	X
Extinguish fires with foam, or chemical .....	.....	X
Fight fire in smoke-filled enclosed space wearing SCBA .....	.....	X
Extinguish fire with water fog in an enclosed space with heavy smoke .....	.....	X
Extinguish oil fire with fog applicator and spray nozzles, dry-chemical, or foam applicators .....	.....	X
Effect a rescue in a smoke-filled space while wearing breathing apparatus ....	.....	X

(1) Course in tank-barge firefighting.  
 (2) From the basic firefighting section of the IMO's Resolution A.437 (XI), "Training of Crews in Fire Fighting".

[CGD 79-116, 60 FR 17142, Apr. 4, 1995, as amended by CGD 79-116, 62 FR 25130, 25131, 25133, May 8, 1997]

### § 13.123 Recency of service or experience for original tankerman endorsement.

An applicant for an original tankerman endorsement in subpart B, C, D, or E of this part shall have obtained at least 25% of the qualifying service and, if the endorsement requires transfers, at least two of the qualifying transfers, within five years of the date of application.

### § 13.125 Physical requirements.

Each applicant for an original tankerman endorsement shall meet the physical requirements of § 10.205(d) of this chapter, excluding paragraph (d)(2) of that section.

### § 13.127 Service: General.

(a) A service letter must be signed by the owner, operator, master, or chief engineer of the vessel and must specify—

(1) The classification of cargo (DL, LG, or, for a restricted endorsement, a specific product) handled while the applicant accumulated the service;

(2) The dates, the number and kinds of transfers the applicant has participated in, and the number of transfers that involved commencement or completion; and

(3) That the applicant has demonstrated to the satisfaction of the signer that he or she is fully capable of supervising transfers of liquid cargo, including

- (i) Pre-transfer inspection;
- (ii) Pre-transfer conference and execution of the Declaration of Inspection;
- (iii) Connection of cargo hoses or loading-arms;
- (iv) Line-up of the cargo system for loading and discharge;
- (v) Start of liquid flow during loading;
- (vi) Start of cargo pump and increase of pressure to normal discharge pressure;
- (vii) Calculation of loading-rates;
- (viii) Monitoring;
- (ix) Topping-off of cargo tanks during loading;
- (x) Stripping of cargo tanks;
- (xi) Ballasting and deballasting, if appropriate;
- (xii) Disconnection of the cargo hoses or loading-arms; and
- (xiii) Securing of cargo systems.

(b) In determining the numbers and kinds of transfers that the applicant has participated in under paragraph (a)(2) of this section, the following rules apply:

(1) A transfer must involve the loading or discharge from at least one of the vessel's cargo tanks to or from a shore facility or another vessel. A shift of cargo from one tank to another tank is not a transfer for this purpose.

(2) Regardless of how long the transfer lasts beyond four hours, it counts as only one transfer.

(3) A transfer must include both a commencement and a completion.

(4) Regardless of how many tanks or products are being loaded or discharged